ABSTRACT

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The objective of the invention is to provide a RAMincorporated driver that enables the writing of moving-image data to a RAM simultaneously with the writing of still-image data to the RAM. A RAM-incorporated X-driver IC comprises first and second bus lines for transferring still-image data and moving-image data from an MPU; a RAM for storing the still-image data and moving-image data; first column and page address control circuits for specifying column and page maddresses in RAM for writing still-image data; second column and page address control circuits for specifying column and page addresses in RAM for writing moving image data; an MPUrelated control circuit for controlling each of the address control circuits, based on commands from the MPU; a display address control circuit for controlling the reading of stillimage data and moving-image data stored in the RAM, display data; and a driver-related control circuit for controlling the display address control circuit.